

1743

Practitioner's Docket No. U 013579-0**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application
of _____ Inventor(s)
for _____ Title of invention

OR

In re application of: Israel RUBINSTEIN, et al
Serial No.: 09/922,220 Group No.: 1743
Filed: August 3, 2001 Examiner: Lyle Alexander
For: METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING A CHEMICAL
SUBSTANCE EMPLOYING AN OPTICAL TRANSMISSION PROPERTY OF METALLIC
ISLANDS ON A TRANSPARENT SUBSTRATE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))****CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10***

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* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

NOTE: 37 C.F.R. 1.98(b):

- (1) *Each U.S. patent listed in an information disclosure statement must be identified by inventor, patent number, and issue date.*
- (2) *Each U.S. patent application published listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication date.*
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- (4) *Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.*
- (5) *Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.*

WARNING: *No extension of time can be had under 37 C.F.R. § 1.36 (a) or (b) for filing an IDS. 37 C.F.R. § 1.97(f).*

NOTE: *The "filing date of a national application" under 37 C.F.R. 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the national fee; (2) a copy of the international application, unless already sent by the International Bureau, and an English translation if filed in another language; (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. 37 C.F.R. 1.97(b)(2).*

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

NOTE: *"No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."*

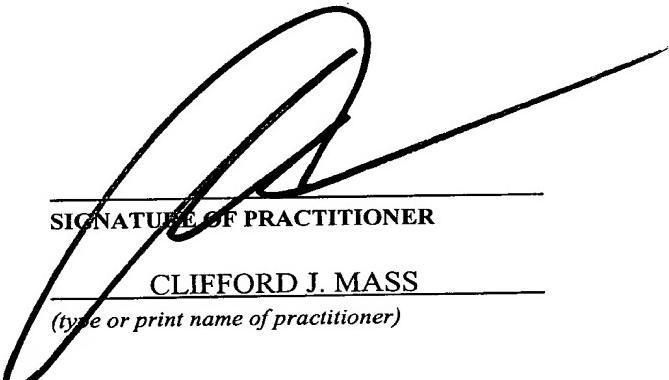
NOTE: *"An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39).*

NOTE: *"The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).*

NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

If a fee is required, please charge deposit account 12-0425.



SIGNATURE OF PRACTITIONER

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ISRAEL RUBINSTEIN, et al

Serial No.: 09/922,220

Group No.: 1743

Filed: August 3, 2001

Examiner : Lyle Alexander

For: METHOD AND APPARATUS FOR DETECTING AND QUANTIFYING A
CHEMICAL SUBSTANCE EMPLOYING AN OPTICAL TRANSMISSION PROPERTY OF
METALLIC ISLANDS ON A TRANSPARENT SUBSTRATE

Attorney Docket No.: U 013579-0

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

We draw the attention of the Examiner to the attached references which are also listed on
the attached Form PTO-1449.

Respectfully submitted,

CLIFFORD J. MASS
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26 WEST 61ST STREET
NEW YORK, NEW YORK 10023
REG. NO. 30,086(212)708-1890

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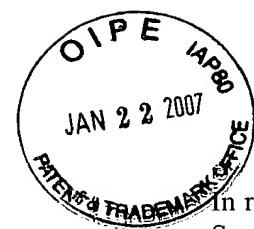
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FORM PTO-1449 U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO.	SERIAL NO.		
		U 013579-0	09/922,220		
		APPLICANT			
		Israel RUBINSTEIN, et al			
		FILING DATE	GROUP		
		August 3, 2001	1743		
U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
	AA				
	AB				
	AC				
	AD				
	AE				
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES
	AL				
	AM				
	AN				
	AO				
	AP				
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)					
	AR	Aussenegg F.R. et al: "The metal island coated swelling polymer over mirror systems (MICSPONS): a new principle for measuring ionic strength." Sensors and Actuators" B 29(1995) pp 204-209			
	AS	Schalkhammer Th. Et al: "Detection of fluorophore-labelled antibodies by surface-enhanced fluorescence on metal nanoislands." SPIE Vol. 2976, pp 129-136 (1997)			
	AT	Schalkhammer Th..et al: "The use of metal-island-coated pH-sensitive swelling polymers for biosensor applications." "Sensors and Actuators" B 24-25 (1995) pp 166-172.			
	AU	Palkovits R. et al: "Structural behavior of nanometric carbohydrate films transduced by a resonant technique." Biopolymers, Vol. 69 pp 333-342 (2003)			
	AV	Mayer Ch. et al: "Surface enhanced resonance of metal nano clusters: a novel tool for Proteomics." Journal of Nanoparticle Research 3: pp 361-371 (2001)			
	AW				
EXAMINER			DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					